WBSNo: 3.1 Funding Type: Research Program 1/24/2005 2:08:00 PM

Description: Silicon Institutions: All Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12
Faculty	.0	.0								
Sr Research Scientist	.0	.0								
Term Scientist	.0	.0								
Post Doc	.0	.0								
Grad Student	.0	.0								
Mechanical Engineer	.0	.0		_!	9 9	3 .(3 .1	.1	.6	3 1.1
Electrical Engineer	.0	.0	.7		9 1.7	7 1.4	4 1.2	.7		5 .2
Technician	.0	.0	1.6	1.5	9 2.7	7 2.0	2.4	2.9	4.4	2.9
Computer	.0	.0	.6		6 .6	3 .4	4			
Designer	.0	.0								
Administrator	.0	.0								
General Labor	.0	.0								
TOTAL LABOR	.0	.0	2.8	3 4.	3 5.	7 4.	4 3.8	3.8	5.5	5 4.3

¹⁷⁶⁰ Hours per FTE year

WBSNo: 3.2 Funding Type: Research Program 1/24/2005 2:08:00 PM

Description: TRT Institutions: All Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY	08	FY09	FY10	FY11	FY12
Faculty	.0	.0									
Sr Research Scientist	.0	.0									
Term Scientist	.0	.0									
Post Doc	.0	.0									
Grad Student	.0	.0									
Mechanical Engineer	.0	.0	.5								
Electrical Engineer	.0	.0	.5		.5						
Technician	.0	.0	2.8	1.	.5 1	.6	1.5	1.5	5 1.5	5 1.5	5 1.5
Computer	.0	.0			.5	.3	.1	.1		1 .1	1 .1
Designer	.0	.0									
Administrator	.0	.0									
General Labor	.0	.0									
TOTAL LABOR	.0	.0	3.8	2	.5 1	.9	1.6	1.6	5 1.6	3 1.6	6 1.6

¹⁷⁶⁰ Hours per FTE year

WBSNo: 3.3 Funding Type: Research Program 1/24/2005 2:08:00 PM

Description: Liquid Argon M&O Estimate Institutions: All Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12
Faculty	.0	.0								
Sr Research Scientist	.0	.0								
Term Scientist	.0	.0								
Post Doc	.0	.0							.0)
Grad Student	.0	.0								
Mechanical Engineer	.0	.0	1.0	1.2	1.0	1.1	1 .7	.7	.7	.7
Electrical Engineer	.0	.0	1.8	2.2	2.5	9.	8. (8.	8. 8	8.
Technician	.0	.0	3.4	1.6	2.7	3.5	3.6	3.6	3.6	3.6
Computer	.0	.0	2.3	2.9	2.0	2.3	3 2.1	2.1	2.1	2.1
Designer	.0	.0	.9	.5						
Administrator	.0	.0								
General Labor	.0	.0							.0)
TOTAL LABOR	.0	.0	9.4	8.2	8.2	7.7	7 7.1	7.1	7.1	7.1

¹⁷⁶⁰ Hours per FTE year

WBSNo: 3.4 Funding Type: Research Program 1/24/2005 2:08:00 PM

Description: Tile Calorimeter Institutions: All Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY	08	FY09	FY10	FY11	FY12
Faculty	.0	.0									
Sr Research Scientist	.0	.0									
Term Scientist	.0	.0									
Post Doc	.0	.0									
Grad Student	.0	.0									
Mechanical Engineer	.0	.0	.2	! .	2	.5	.2	.2	.2	2 .2	.2
Electrical Engineer	.0	.0	.2	! .	2	.5	.2	.2	.2	2 .2	.2
Technician	.0	.0	.9	3.	5 2	.8	1.9	1.9	1.9	1.9	1.9
Computer	.0	.0	.7	1.	4 1	.6	1.0	1.0	1.0	1.0	1.0
Designer	.0	.0									
Administrator	.0	.0									
General Labor	.0	.0	1.5	i							
TOTAL LABOR	.0	.0	3.5	5.	4 5	.5	3.3	3.3	3.3	3.3	3.3

¹⁷⁶⁰ Hours per FTE year

WBSNo: 3.5 Funding Type: Research Program 1/24/2005 2:08:01 PM

Description: ATLAS Endcap Muon M&O Institutions: All Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12
Faculty	.0	.0								
Sr Research Scientist	.0	.0								
Term Scientist	.0	.0								
Post Doc	.0	.0								
Grad Student	.0	.0								
Mechanical Engineer	.0	.0	3.3	2.	3 1.3	3 .:	2 .2	.2	.2	.2
Electrical Engineer	.0	.0	1.2		7 .4	1 .:	2 .2	.2	.2	.2
Technician	.0	.0	6.3	4.	3 2.9	2.	1 1.9	1.9	1.9	1.9
Computer	.0	.0	.5	1.	1 1.0) 2.0	1.0	1.0	1.0	1.0
Designer	.0	.0								
Administrator	.0	.0								
General Labor	.0	.0	7.8	8.	5 1.	7 1.	3 1.1	1.1	1.1	1.1
TOTAL LABOR	.0	.0	19.1	17.	8 7.	3 5.	8 4.4	4.4	4.4	4.4

¹⁷⁶⁰ Hours per FTE year

WBSNo: 3.6 Funding Type: Research Program 1/24/2005 2:08:01 PM

Description: Trigger/DAQ Institutions: All Funding Source : All

	FY03	FY04	FY05	FY06	FY07		FY08	FY09	FY10	FY11	FY12
Faculty	.0	.0									
Sr Research Scientist	.0	.0									
Term Scientist	.0	.0									
Post Doc	.0	.0									
Grad Student	.0	.0									
Mechanical Engineer	.0	.0									
Electrical Engineer	.0	.0	-	.3 1	.0	.9	.7	ا.	3.	6 .	6. 6
Technician	.0	.0									
Computer	.0	.0	-	2 5	.3	3.3	3.7	2.	1 2.	4 2.	4 2.4
Designer	.0	.0									
Administrator	.0	.0									
General Labor	.0	.0									
TOTAL LABOR	.0	.0		.5 6	6.3	7.3	4.4	1 3.	3.	0 3.	0 3.0

¹⁷⁶⁰ Hours per FTE year

WBSNo: 3.9 Funding Type: Research Program 1/24/2005 2:08:01 PM

Description: Program Management Institutions: All Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12
Faculty	.0	.0								
Sr Research Scientist	.0	.0	.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Term Scientist	.0	.0								
Post Doc	.0	.0								
Grad Student	.0	.0								
Mechanical Engineer	.0	.0		1.0	1.0	1.0	1.0	1.0	1.0	1.0
Electrical Engineer	.0	.0								
Technician	.0	.0								
Computer	.0	.0								
Designer	.0	.0								
Administrator	.0	.0		1.5	1.5	1.5	1.5	1.5	1.5	1.5
General Labor	.0	.0								
TOTAL LABOR	.0	.0	.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5

¹⁷⁶⁰ Hours per FTE year

WBSNo: 3.10 Funding Type: Research Program 1/24/2005 2:08:01 PM

Description: Technical Coordination Institutions: All Funding Source : All

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12
Faculty	.0	.0)							
Sr Research Scientist	.0	.0)							
Term Scientist	.0	.0)							
Post Doc	.0	.0)							
Grad Student	.0	.0)							
Mechanical Engineer	.0	.0	3.4	3.4	3.4	2.9	2.9	2.9	2.9	2.9
Electrical Engineer	.0	.0)							
Technician	.0	.0)							
Computer	.0	.0	.5	.5	.5	1.0	1.0	1.0	1.0	1.0
Designer	.0	.0)							
Administrator	.0	.0)							
General Labor	.0	.0)							
TOTAL LABOR	.0).	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9

¹⁷⁶⁰ Hours per FTE year